Mzokhulayo Mdubeki
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Summary

I am Mzokhulayo Mdubeki, a highly motivated individual with a Diploma in Software Development and a strong foundation in Data Science. Additionally, I am a certified AWS Cloud Practitioner.

My passion lies in the dynamic realms of Software (Systems Development), Data Sciences, and Cloud Computing. Aspiring Junior Software Developer, I am driven by a thirst for knowledge and a desire to make a significant impact in the tech industry. My ultimate goal is to find a challenging and rewarding role that will enable me to apply my skills and grow through practical experience.

As a certified AWS Cloud Practitioner, I have a strong foundation in cloud computing, enabling me to leverage the full potential of cloud technologies for scalable and efficient solutions.

Experience

DevOps Intern
Electronic Connect
Aug 2024 – Present

- Developed and maintained APIs to support application functionalities.

- Deployed SonarQube on AWS ECS Fargate using Dockerized images for code quality analysis.

- Administered Microsoft 365 for the organization, including account management and issue resolution.

- Led the migration of the company to Microsoft 365, ensuring smooth transitions and improved collaboration tools.

- Worked with CI/CD pipelines and automation processes to enhance development workflows.

- Managed network infrastructure setups and internal server maintenance.

Office Manager and Learner's Driving Instructor

Golden Ticket Driving Institute

Sep 2023 – Present

- Conducted K53 Learners Test instruction, ensuring students are well-prepared for their tests.

- Managed payment collection, record financial transactions accurately, and provided receipts to clients.

- Coordinated and managed student bookings, optimizing scheduling for maximum efficiency.

- Oversee general office administration, including document management and client communication.

Software Development Student

WeThinkCode

Sep 2021 – Dec 2022

- **First Year:** Focused on programming fundamentals, including data structures, algorithms, and software design patterns. Developed proficiency in Python and Java through practical projects.

- **Second Year:** Advanced to object-oriented programming, web and mobile development, and DevOps practices. Gained experience with web development frameworks, cloud computing, and continuous integration/continuous deployment (CI/CD) pipelines.

Data Science Trainee

Deviare

Jun 2019 – Jun 2020

- Completed data science qualification under the 4IR Skills Programme.

- Developed skills in data analysis, machine learning, and business intelligence.

Library Student Assistant

University of KwaZulu-Natal

Feb 2013 – Nov 2015

- Assisted with library operations, cataloging, and customer service.

Education

WeThinkCode

Software Engineering (NQF 5)
Sep 2021 – Dec 2022

- First year: Fundamentals of programming and software design patterns.

- Second year: Object-oriented programming, web/mobile development, DevOps, and cloud computing.

AWS re/Start Program

AWS Cloud Practitioner Certification
Aug 2022 – Oct 2022

- Acquired expertise in AWS core services: EC2, S3, IAM, VPC, Lambda, and RDS.

Deviare

Data Science and Business Intelligence Skills Program
Jun 2019 – Apr 2021

- Gained expertise in data analysis, machine learning, and business intelligence.

Skills

Technical Skills:

- Programming Languages: Python, Java, JavaScript, PHP, C++

- Web Development: Experience with web development frameworks and tools

- Cloud Computing: AWS (EC2, S3, IAM, VPC, Lambda, CloudFormation, RDS)

- Database Management: SQL, MySQL

- Operating Systems: Linux, Windows

- CSS, HTML, JavaScript

- Network Infrastructure: Setup and maintenance knowledge

- Back-End Web and Front-End Development

- Data Analysis: SQL, Data Science, Problem Solving

Soft Skills:

- Communication

- Problem-solving

- Teamwork

- Customer Service

- Project Coordination